



PATENT  
ATTORNEY DOCKET NO.: 046700-5005-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shane M. Tulloch; Timothy :  
Valachovic; and William D. Rupp :  
:  
Serial No.: 09/753,328 : Group Art Unit: 2164  
:  
Filed: 12/29/00 : Examiner: Unassigned  
:  
For: METHOD OF TRANSFORMATIONAL :  
BIDDING WITH REBATES AND :  
DISCOUNTS :

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**POWER OF ATTORNEY BY ASSIGNEE**

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioner listed below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

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**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

FreeMarkets, Inc., a United States corporation, certifies that it is:

1.  an assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the application identified above by virtue of:

- A. An assignment from the inventor(s) of the application identified above. The assignment was recorded as follows:

FROM	TO	REEL/FRAME NO.
		Reel: Frame:

OR

- B. A chain of title from the inventors, of the application identified above, to the current assignee as shown below:

1. From: Shane M. Tulloch; Timothy Valachovic; and William D. RUPP

To: FreeMarkets, Inc.

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

FreeMarkets, Inc.  
FreeMarkets Center  
210 Sixth Avenue  
Pittsburgh, Pennsylvania 15222

Dated: April 24, 2001

By:

David J. Becker  
President